Medi-Cal Management Information
System and Decision Support System (MIS/DSS)

Data Enhancement Functional Specifications

for Managed Care Plan Financials

Phase 5

March 23, 2000

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1. Overview

Figure 1 gives a high-level view of the major conversion processes and helps illustrate the relationship between the processes. The shaded box represents the conversion process being discussed in this section.
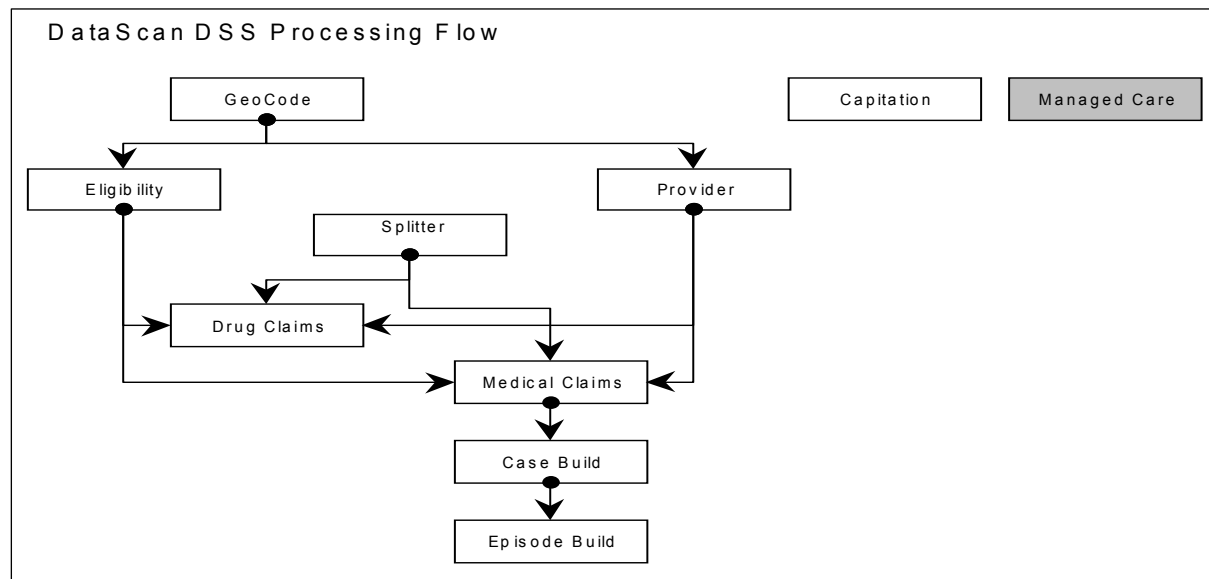
Figure 1. DataScan DSS Processing Flow

All Prepaid Health Plans (PHPs) participating in the Medi-Cal program are required to file quarterly corporate reports detailing their company's fiscal status. This reporting is via the "Orange Blank" forms. This "Orange Blank" data will be provided to the MEDSTAT Group by the Department of Health Services, processed and loaded into the custom Managed Care Plan Financial DataScan table. This table will be used in the creation of financial reports (previously done manually) and data analysis including Medical Expense and Debt/Equity ratio comparisons.

Corporate data is provided on the "Orange Blank" forms and contains the following reports:

- Report #1: Part A: Balance Sheet Assets

- Report #1: Part B: Balance Sheet Liabilities and Net Worth

- Report #2: Statement of Revenue, Expenses, and Net Worth

- Report #4: Enrollment and Utilization Table

2. Prerequisites / Pre-Conversion

This data does not have any prerequisites and does not need to be preconverted.

3. Indexes

The MCP Financials table will have the following fields as its primary key:

- PLANMCF (Parent Code)
- QTREND
- RPTNBR
- LINENBR

RPTNBR and LINENBR apply only to the Financial data; for Enrollment and Member Months data, other values or constants are used for these fields.

There are no secondary indices.

4. Input Data

The four corporate reports described in the Overview section are provided in the following three input files:

- Financial data - Report #1, Parts A & B, and Report #2 (excluding Member Months)
- Enrollment data - Report #4
- Member Months data of Report #2

Input file layouts can be found in the attachments.

For the Managed Care Financial Table, we will use the fiscal year *ending* date as the year by which to refer to the annual statement. This is consistent with the Orange Blank headings ("For the Year/Quarter/Month ending . . ." and standard industry practice for financial statements.

4.1   Financial (Report #1, Parts A & B, and Report #2 (excluding Member Months))

Plans submit one record for each line of each FIN-REPORT NUMBER:

- REPORT #1 - Part A: Balance Sheet Assets (23 records)

- REPORT #1 - Part B: Balance Sheet Liabilities and Net Worth (23 records)

- REPORT #2: Statement of Revenue, Expenses, and Net Worth (38 records)

Financial fields have a separate field that indicates whether it is positive or negative. Financial fields will NOT carry pennies.

4.2   Enrollment (Report #4)

Plans submit one record for each ENR-ENROLL-SOURCE (totalling 5 records). ENR-ENROLL-SOURCE has the following values:

- 1 - Under Age 65

- 2 - Age 65 and Older

- 3 - Total Membership

- 4 - Title XVIII (Total Membership)

- 5 - Title XIX (Total Membership)

4.3   Member Months (Report #2 Member Months only)

Plans submit one record.

5.   Output Data

The three different types of data received (Financial, Enrollment and Member Months) will be contained in a single table, once they are converted.

Because dissimilar data is being stored on a single table, most columns in the table will be populated only for one type of record (or source file). Table 1 below shows the fields that are valid for a given type of data. If an 'X' is listed for a specific row and column, that field is appropriate for that type of record. If there is *not* an 'X' listed, the field is set to its appropriate missing value. Please refer to the Field Level Detail in Attachment 2.

NOTE: The fields that are used in the index and described in a prior section will be populated for all records.

FIELD	Description	Financial	Enrollment	Member
Table 1. Field Population				
AMBENC	Total Ambulatory Encounters		X	
AMBENCNP	Non-Phys Ambulatory Encounters		X	
AMBENCP	Physician Ambulatory Encounters		X	
AVGLOS	Average Length of Stay		X	
CURRCOV	Current Covered Amount	X		
CURRTOT	Current Total Amount	X		
CURRUNCV	Current Uncovered Amount	X		
HOSPDAYS	Hospital Days		X	
LINENBR	Line Number	X	X	X
MBRADDS	Member Adds		X	
MBRMOCR	Member Month: Current			X
MBRMOCUM	Member Month: Cumulative		X	
MRBMOPR	Member Month: Previous			X
MBRTERMS	Member Month: Terminations		X	
MBRTOTAL	Member Total		X	
MBRTOTPR	Member Total Previous		X	
PATDAYS	Patient Days		X	
PLANMCF	PHP Corporate Code	X	X	X

Table 1. Field Population				
FIELD	Description	Financial	Enrollment	Member
PREVYEAR	Previous Total	X		
QTREND	Quarter End Date	X	X	X
RPTNBR	Report Number	X	X	X

5.1 Financial

In the DataScan table, a value '1A', '1B' or '2 ' ('2' and a space) is moved to RPTNBR. This value identifies the Report and distinguishes it from other Reports in the table.

Financial fields will *not* carry pennies.

5.2 Enrollment

In the DataScan table, a constant value '4 ' ('4' and a space) is moved to RPTNBR.

Source of Enrollment is moved to LINENBR. This is the equivalent of a Financial line number, and is appropriate in this field.

5.3 Member Months

A constant value '2M' is moved to RPTNBR. There is only one record, so LINENBR is set to 1. This value identifies the Report and distinguishes the data from other portion of Report 2 submitted on the Financial File.

6. Reports

The Managed Care Plan Financial Table Convert Program will produce three reports: the Aggregate Statistics Report, the Failed Operations Log (FOLOG) Report, and the Unexpected Values Report.

6.1 Aggregate Statistics Report

The Aggregate Statistics Report will document all records that drop because of incomplete information or the field value did not fall within a pre-defined range.

The Aggregate Statistics report includes:

- Total number of records received

- Total of the records dropped

- Total of the records converted

- Subtotal of records dropped and the reason they were dropped.

    For the *Managed Care Plan Financial Table*, the records will be subtotaled for the following fields:

Enrollment data	MBRTOTAL
	AMBENC
	PATDAYS
	AVGLOS
Financial data	CURRCOV for each Report Number
Member Months data	MBRMOCR

6.2 Failed Operations Log (FOLOG) Report

The FOLOG Report will document records that have not been dropped but fail while converting raw input data into the format required for DataScan. One or more input fields that were not in the expected format (e.g., invalid data or non-numeric data in a numeric field) may cause the failure. For Managed Care Plan Financials, three FOLOG Reports are generated, one for each of the different input files processed.

The FOLOG Report will include:

- Field name

- Operation Number

- Description of the operation that failed

- Unmapped/undefined values found for that operation

Proprietary and Confidential

- Count of the number of records with possible errors for that operation

- Percent of Total Records

- Amount associated with each failed value

- Percent of total Amount associated with each failed value

The types of problems that the FOLOG report can highlight are:

- Wrong input file was converted.

- Wrong conversion program was run against the input file.

- Input file format changed.

- Unmapped fields or field values were in the input data.

- Incoming input data values were all blanks or zeros.

- Unexpected field values were present in the input data.

- Improper records were dropped.

NOTE: Refer to the Field Level Detail for more specific information on the FOLOG calls and individual fields that are reported on the FOLOG Report.

6.3 Unexpected Values Report

For Managed Care Plan Financials, three Unexpected Value Reports are generated, one for each of the different input files processed. The Unexpected Values Report will be very similar to the FOLOG Report with several additions and will:

- Indicate when a failed value has been previously reported to the State and they have indicated that it is in fact a failure

- List the unmapped/undefined values found for each operation by PHPCODE

The fields on the Unexpected Values Report are a subset of the FOLOG Report and are driven by two Excel spreadsheets. The first spreadsheet is a list of FOLOG operation numbers to be included in the report. The second is a list of previously approved values to map to other/invalid for each operation number. The State has the responsibility of determining fields (of those listed in the FOLOG Report) to include in the Unexpected Values Report.

7. Selection / Drop Criteria

Inclusion/exclusion criteria processing occurs at the beginning of the managed care plan financials process, before any of the steps listed in the high-level process flow section. Each drop condition may apply to any, or all, of the three input files (Enrollment, Financial and Member Months). If a record is dropped from processing, it is output to the Drop File and excluded from further processing and reported on the Aggregate Statistics Report.

Each drop condition will be identified separately on the appropriate Aggregate Statistics Report or on a separate build report.

7.1 Duplicate Key Fields

Check for records that have duplicated key fields. After all the field level conversions have been performed, if the combination of key fields is identical, the duplicated record is dropped. Each input file has a different combination of fields that identify the key fields; they are as follows:

- Enrollment – PLANMCF, QTREND and LINENBR

- Financial – PLANMCF, QTREND, RPTNBR and LINENBR

- Member Months – PLANMCF and QTREND

7.2 Invalid Quarter Ending Date Format

Drop records where the quarter ending date is missing, not numeric or the month portion is not between 00 and 12. Applies to all three input files.

7.3 Quarter Ending Date Outside Range

Drop records where the quarter ending date is outside the 30-month database window. Applies to all three input files.

7.4 Missing Plan Code

Drop records where the PLANMCF (xxx-parent-code) is missing. Applies to all three input files.

7.5 Invalid Report Number

Drop records where the RPTNBR is missing or invalid (valid values are 1A, 1B, 2 , ['2' and a <space>], 2M and 4 , ['4' and a <space>]). This condition only applies to the financial input file.

7.6 Invalid Line Number

Drop records where the LINENBR is not numeric. This condition applies to the Financial (fin-line-number) and the Enrollment (enr-enroll-source) input files.

8. Process Flow / Data Enhancements

Input data is validated and loaded onto the Managed Care Plan Financial as defined in the Field Level Detail Attachment.

9. New Installation Considerations

There are no installation considerations, including special processing to consider.

10. Update Processing Considerations

MEDSTAT receives a monthly update file from the State for Managed Care Plan Financials. This file contains the most recent month of processed Managed Care Plan Financial data and can include numerous values in the QTREND field. Some Plans' reporting quarters are not 'standard' calendar quarters (March, June, Sept and December); this may cause an inconsistent monthly volume of update data. The Managed Care Plan Financial Update Process is as follows:

- The monthly update file is processed by the Managed Care Plan Financial Convert Program using the RUNDATE parameter indicating update processing. When the RUNDATE parameter specifies an update, the convert program verifies the QTREND is within the 30-month window.

  There is special logic in the 30-month window processing for Managed Care Plan Financial to check only the year on the QTREND field when month equals '00'. This applies to both installation and update processing.

- Copy the current production Managed Care Plan Financial Table to a Work Table.

- Add the converted data into the Work Table.

  If a duplicate (based on the indexes listed in Section 3) is found on both the current production table and the converted data, the record from the converted data (last received) will be retained and the record from the production table will be deleted.

  This differs from the Capitation conversion update process, which chooses the record "first received" for retention, because we are checking for duplicates by using only the primary key identifier fields (PLANMCF, QTREND, RPTNBR and LINENBR) and none of the value fields. In the Managed Care Plan Financials conversion update process, we are trying to replace duplicate values, whereas in the Capitation conversion update process we are trying to prevent duplicates by using the primary key identifier fields and the value fields when checking for duplicates.

- Delete data from the Work Table that is prior to the 30-month database window.

- Verify the Work Table and if correct, continue to the next step. Otherwise, research and correct.

- Copy the Work Table to the Production Managed Care Financial Table. (If possible, this should be concurrent with the "flipping of the switch" to the new database window)

- Verify the new Production Managed Care Financial Table and if correct, approve release of table to the user.

11.   Maps and Validation Tables

Maps are used to validate source values before moving them as DataScan® output or to look up values for the DataScan® output based on source values. Each map should be sorted by the source values before the conversion program is executed. It is recommended that a map be sorted each time it is updated.   Hardcopy and Softcopy (for very large maps) of these maps are provided in the Maps section of the System Design Deliverable. Maps used in Managed Care Plan Financials processing include:

Map	Fields	Purpose
CDBFOLOO	N/A	Used by the Enrollment Failed Operations Log (FOLOG) Report – FOLOG operation numbers to be included in the report.
CDBFOLON	N/A	Used by the Financials Failed Operations Log (FOLOG) Report – FOLOG operation numbers to be included in the report.

Map	Fields	Purpose
CDBFOLOM	N/A	Used by the Member Months Failed Operations Log (FOLOG) Report – FOLOG operation numbers to be included in the report.
FLGKEYEN	N/A	Used by the Enrollment Unexpected Values Report – FOLOG operation numbers to be included in the report
FLGKEYFI	N/A	Used by the Financials Unexpected Values Report – FOLOG operation numbers to be included in the report
FLGKEYME	N/A	Used by the Member Months Unexpected Values Report – FOLOG operation numbers to be included in the report
FLGAPREN	N/A	Used by the Enrollment Unexpected Values Report – values approved to map to other/invalid
FLGAPRFI	N/A	Used by the Financials Unexpected Values Report – values approved to map to other/invalid
FLGAPRME	N/A	Used by the Member Months Unexpected Values Report – values approved to map to other/invalid
NETPROD	PLANMCF	If PLANMCF is alphanumeric, NETPROD is used to validate PLANMCF. If PLANMCF is numeric, NETPROD is used to reassign PLANMCF with its appropriate Corporate Parent Code.

12. Tagging

There are no fields that have values tagged from other tables.

13. Summary of Document Changes

Date	Author	Phase	IRs	Description of Changes
03/09/00	T. Wright	5	N/A	Clarified section 7.5 (Drop Conditions – Invalid Report Number) to make it clear that the valid values 2 and 4 for RPTNBR are actually ['2' and a \<space>] and ['4' and a \<space>].
03/09/00	T. Wright	5	N/A	Changed wording in section 6 (Reports) from: "The Managed Care Plan Financial Table Convert Program will produce two reports…" to : "The Managed Care Plan Financial Table Convert Program will produce three reports…".
8/27/99	K. Key	5	1367	Updated samples of Unexpected Value Reports to reflect actual FOLOG calls that will be displayed.
8/27/99	K. Key	5	1433	In the Update Process Considerations section, added an explanation as to why the retention of records (first vs. last) is different from Capitation conversion update process.
8/25/99	K. Key	5	1433	Modified drop condition for Duplicate Key Fields to check after for duplicates after all the field conversions have been performed.
8/25/99	K. Key	5	1466	Modified CRMOUT1 record layout to include new TAPEDT field.
8/25/99	K. Key	5	N/A	Removed drop condition that referred to phase specific drop conditions, as there were no phase specific conditions.
8/23/99	K. Key	5	1367	Added section for new Unexpected Values Report. Added sample reports as attachments. Updated Maps and Validation Tables section with CDBFOLOO, CDBFOLON, CDBFOLOM, FLGKEYEN, FLGKEYFI, FLGKEYME, FLGAPREN, FLGAPRFI, and FLGAPRME.

Date	Author	Phase	IRs	Description of Changes
6/17/99	K. Key	4	1208	Modified Section 10 (Update Process Considerations). Clarified that data is to be deleted "prior to the 30-month window" instead of deleting "the oldest month".
3/10/99	K. Key	4	1322	Clarified Section 7 (Selection/Drop Criteria). Specified that each drop condition would be displayed separately in the Aggregate Statistics Report. Added report layout samples as attachments.
2/18/99	K. Key	4	N/A	Made each input file layout its own attachment number. Added CRMOUT1 output file layout as an attachment.
1/13/99	C. Hubbert	4	N/A	Modification to Section 10 – Update processing considerations because of State Walkthrough.
1/12/99	C. Hubbert	4	1208	Add Monthly update processing
12/29/98	C. Hubbert	4	739	Reformat background document into standardized format
6/12/98	J. Mulcahy	3		Removed Drop Criteria to put into new document
1/12/98	L. Macklem	2		Phase 2 updates
7/3/97	J. Dittman	1		New Document.

Attachment 1.   Sample Aggregate Statistics Report – Enrollment File

```
CSBSTAT                           MEDI-CAL                                    PAGE :    1
                   AGGREGATE STATISTICS FOR MC ENROLLMENT FROM 06/01/96  TO 11/30/98      DATE : 02/16/1999
                                                                                          TIME : 12:43:21
                   # OF RECS      MEM-TOTAL-CUR     AMB-ENC-TOTAL     PAT-DAYS-INC.    AVG.L.OF STAY               •
         ----------------------------------------------------------------------------------------------------------
         # RECS READ             1,218    301,552,320.00    418,360,325.00    25,947,422.00      2,978.94
         ----------------------------------------------------------------------------------------------------------
         DUPLICATES ON KEYS         30      2,711,605.00      2,625,115.00       124,912.00         31.39
         QTREND INVALID FORMAT
         QTREND OUTSIDE RANGE      298     93,304,576.00    143,837,539.00     7,132,266.00      1,646.23
         MISSING PLANMCF
         INVALID LINE NUMBER
         ----------------------------------------------------------------------------------------------------------
         TOTAL RECS DROPPED        328     96,016,181.00    146,462,654.00     7,257,178.00      1,677.62
         # OF MEM RECS CONVERTED   890    205,536,139.00    271,897,671.00    18,690,244.00      1,301.32

         ----------------------------------------------------------------------------------------------------------
```

Attachment 2.   Sample Aggregate Statistics Report – Financial File

```
 CSBSTAT                              MEDI-CAL                                        PAGE :    1
                        AGGREGATE STATISTICS FOR MC FINANCIAL FROM 06/01/96   TO 11/30/98    DATE : 02/16/1999
                                                                                            TIME : 12:45:24
                         # OF RECS    1A:CURR-TOTAL    1B:CURR-TOTAL     2 :CURR-TOTAL                      .
 -------------------------------------------------------------------------------------------------------------
 # RECS READ              23,993  28,156,229,638.00  30,867,296,887.00  47,784,440,131.00
 -------------------------------------------------------------------------------------------------------------
 DUPLICATES ON KEYS          833  14,693,731,336.00  17,389,520,421.00  10,959,988,104.00
 QTREND INVALID FORMAT
 QTREND OUTSIDE RANGE      6,550  93,781,753,451.00  19,909,226,388.00   4,431,005,566.00
 MISSING PLANMCF
 INVALID REPORT NUMBER
 INVALID LINE NUMBER       1,512                     -18,449,063.00    -356,362,526.00
 -------------------------------------------------------------------------------------------------------------
 TOTAL RECS DROPPED        8,895   8,475,484,787.00  37,280,297,746.00  15,034,631,144.00
 # OF MEM RECS CONVERTED  15,098  19,680,744,851.00  93,586,999,141.00  32,749,808,987.00
 -------------------------------------------------------------------------------------------------------------
```

Attachment 3.   Sample Aggregate Statistics Report – Member Months File

```
CSBSTAT                              MEDI-CAL                                    PAGE :     1
                  AGGREGATE STATISTICS FOR MC MEMBER MONTHS FROM 06/01/96   TO 11/30/98    DATE : 02/16/1999
                                                                                           TIME : 12:49:28
                        # OF RECS      CURR-MEM-MNTH                                                     •
-------------------------------------------------------------------------------------------------------------

# RECS READ               190      506,098,110.00
-------------------------------------------------------------------------------------------------------------

DUPLICATES ON KEYS          4        1,311,229.00
QTREND INVALID FORMAT
QTREND OUTSIDE RANGE       49      163,039,719.00
MISSING PLANMCF
-------------------------------------------------------------------------------------------------------------

TOTAL RECS DROPPED         53      164,350,948.00
# OF MEM RECS CONVERTED   137      341,747,162.00


-------------------------------------------------------------------------------------------------------------
```

Attachment 4.   Sample Failed Operations Log (FOLOG) Report – Enrollment File

```
MDU110                                   MEDI-CAL                              PAGE :    1
                           EXTERNAL FOLOG REPORT - MGDC ENROL. CONVERT        DATE : 02/16/1999
                                                                              TIME : 12:43:26
INPUT FILE      : MGDC ENROL. CONVERT
NUMBER OF RECORDS :        890                                   TOTAL NETPAY : $           0.00
---------------------------------------------------------------------------------------------------
FIELD                 OPR OPERATION                  FIELD               %OF TOT      NETPAY  %OF TOT
NAME                  NO. DESCRIPTION                VALUE         COUNT  RECORDS      AMOUNT  NETPAY
---------------------------------------------------------------------------------------------------
MEMB-ADDS               6 ADDITIONS DURING PERIOD     -11960           3  0.3371        0.00  0.0000
                                                                     -----------------------------------
                         TOTALS FOR THE OPR-NO   6 :                    3  0.3371        0.00  0.0000

PLANMCF               12 PLANMCF IS SPACE IN NETPRODD  098            10  1.1236        0.00  0.0000
                                                                     -----------------------------------
                         TOTALS FOR THE OPR-NO  12 :                   10  1.1236        0.00  0.0000


---------------------------------------------------------------------------------------------------
TOTAL NUMBER OF FAILURES          :         13
TOTAL NUMBER OF OPERATIONS        :         14
AVERAGE FAILURES/OPERATION        :       .9286
AVERAGE FAILURES/RECORD           :       .0146
---------------------------------------------------------------------------------------------------
```

Attachment 5.   Sample Failed Operations Log (FOLOG) Report – Financial File

```
MDU110                                          MEDI-CAL                                    PAGE :     1
                                    EXTERNAL FOLOG REPORT - MGDC FINAN. CONVERT           DATE : 02/16/1999
                                                                                          TIME : 12:45:29

INPUT FILE        : MGDC FINAN. CONVERT
NUMBER OF RECORDS :        15,098                                          TOTAL NETPAY : $            0.00
---------------------------------------------------------------------------------------------------------
FIELD                  OPR OPERATION                  FIELD                     %OF TOT      NETPAY  %OF TOT
NAME                   NO. DESCRIPTION                VALUE           COUNT     RECORDS      AMOUNT  NETPAY
---------------------------------------------------------------------------------------------------------
PLANMCF                  5 PLANMCF IS SPACE IN NETPRODD    098           252    1.6691         0.00   0.0000
                                                          841            84    0.5564         0.00   0.0000
                                                                   ---------------------------------------
                           TOTALS FOR THE OPR-NO   5 :                  336    2.2255         0.00   0.0000


---------------------------------------------------------------------------------------------------------
TOTAL NUMBER OF FAILURES           :            336
TOTAL NUMBER OF OPERATIONS         :              7
AVERAGE FAILURES/OPERATION         :        48.0000
AVERAGE FAILURES/RECORD            :          .0223
---------------------------------------------------------------------------------------------------------
```

Attachment 6.   Sample Failed Operations Log (FOLOG) Report – Member Months File

```
MDU110                                    MEDI-CAL                              PAGE :    1
                               EXTERNAL FOLOG REPORT - MGDC MEM.M. CONVERT      DATE : 02/16/1999
                                                                               TIME : 12:49:34
INPUT FILE       : MGDC MEM.M. CONVERT
NUMBER OF RECORDS :          137                                  TOTAL NETPAY : $            0.00
------------------------------------------------------------------------------------------------
FIELD                 OPR OPERATION                FIELD                   %OF TOT      NETPAY  %OF TOT
NAME                  NO. DESCRIPTION              VALUE        COUNT  RECORDS         AMOUNT  NETPAY
------------------------------------------------------------------------------------------------
PLANMCF                 3 PLANMCF IS SPACE IN NETPRODD   098        4   2.9197           0.00  0.0000
                                                               --------------------------------------
                          TOTALS FOR THE OPR-NO   3 :                  4   2.9197           0.00  0.0000

PLANMCF                 4 PHP CODE NOT FOUND IN NETPROD   560        1   0.7299           0.00  0.0000
                                                               --------------------------------------
                          TOTALS FOR THE OPR-NO   4 :                  1   0.7299           0.00  0.0000

------------------------------------------------------------------------------------------------
TOTAL NUMBER OF FAILURES          :            5
TOTAL NUMBER OF OPERATIONS        :            5
AVERAGE FAILURES/OPERATION        :       1.0000
AVERAGE FAILURES/RECORD           :        .0365
------------------------------------------------------------------------------------------------
```

Attachment 7. Sample Unexpected Values Report – Enrollment File

```
MDU120                                        MEDI-CAL                                   PAGE :    1
                                UNEXPECTED VALUES REPORT - MGDC ENROL. CONVERT            DATE : 08/12/1999
                                                                                         TIME : 15:42:41
INPUT FILE      : MGDC ENROL. CONVERT
NUMBER OF RECORDS :         16                                        TOTAL NETPAY : $            0.00
--------------------------------------------------------------------------------------------------------
FIELD         OPR OPERATION                      NEW FIELD       PHP        ERROR %OF TOT       NETPAY %OF TOT
NAME          NO. DESCRIPTION                    VALUE           CODE       COUNT RECORDS       AMOUNT NETPAY
--------------------------------------------------------------------------------------------------------
PLANMCF        12 PLANMCF IS SPACE IN NETPRODD    000                        1  6.2500          0.00  0.0000
                                                 003                        1  6.2500          0.00  0.0000
                                                 019                        1  6.2500          0.00  0.0000
                                                                           ---------------------------------
                     TOTALS FOR THE OPR-NO  12 :                            3 18.7500          0.00  0.0000

PLANMCF        13 PHP CODE NOT FOUND IN NETPROD   990                        1  6.2500          0.00  0.0000
                                                                           ---------------------------------
                     TOTALS FOR THE OPR-NO  13 :                            1  6.2500          0.00  0.0000
```

Attachment 8.   Sample Unexpected Values Report – Financial File

```
MDU120                                       MEDI-CAL                               PAGE :    1
                            UNEXPECTED VALUES REPORT - MGDC FINAN. CONVERT          DATE : 08/12/1999
                                                                                    TIME : 17:15:25

INPUT FILE       : MGDC FINAN. CONVERT
NUMBER OF RECORDS :          50                                 TOTAL NETPAY : $             0.00
-------------------------------------------------------------------------------------------------
FIELD         OPR OPERATION                   NEW FIELD      PHP       ERROR %OF TOT      NETPAY %OF TOT
NAME          NO. DESCRIPTION                 VALUE          CODE      COUNT RECORDS      AMOUNT NETPAY
-------------------------------------------------------------------------------------------------
PLANMCF        5 PLANMCF IS SPACE IN NETPRODD   000                      1  2.0000         0.00  0.0000
                                                003                      1  2.0000         0.00  0.0000
                                              * 019                      1  2.0000         0.00  0.0000
                                                838                      1  2.0000         0.00  0.0000
                                                              ---------------------------------------
                       TOTALS FOR THE OPR-NO  5 :                        4  8.0000         0.00  0.0000
```

Attachment 9.   Sample Unexpected Values Report – Member Months File

```
MDU120                                      MEDI-CAL                                         PAGE :    1
                            UNEXPECTED VALUES REPORT - MGDC MEM.M. CONVERT              DATE : 08/12/1999
                                                                                       TIME : 17:53:48
INPUT FILE      : MGDC MEM.M. CONVERT
NUMBER OF RECORDS :          19                                         TOTAL NETPAY : $          0.00
------------------------------------------------------------------------------------------------------
FIELD           OPR OPERATION                     NEW FIELD        PHP      ERROR %OF TOT     NETPAY %OF TOT
NAME            NO. DESCRIPTION                    VALUE            CODE     COUNT RECORDS     AMOUNT NETPAY
------------------------------------------------------------------------------------------------------
PLANMCF          4 PHP CODE NOT FOUND IN NETPROD    991                        1 5.2632        0.00 0.0000
                                                                      -------------------------------------
                        TOTALS FOR THE OPR-NO    4 :                           1 5.2632        0.00 0.0000

PLANMCF          5 PLANMCF NOT FOUND IN NETPROD      DOM                       1 5.2632        0.00 0.0000
                                                                      -------------------------------------
                        TOTALS FOR THE OPR-NO    5 :                           1 5.2632        0.00 0.0000
```

Attachment 10.   CRMENR1 – Enrollment Input File Layout

```
*************************************************************** 00000104
* CRMENR1                                                    * 00000204
*                                                            * 00000304
* THIS IS THE MANAGED CARE - ENROLLMENT RECORD FOR THE CONVERT * 00000404
* REPLACE THIS WITH THE RAW DATA RECORD LAYOUT FROM THE      * 00000504
* DATA MANAGER - 86 CHAR. LONG                               * 00000604
*************************************************************** 00000704
                                                               00001004
       05  ENR-PARENT-CODE         PIC X(3).                   00010006
       05  ENR-QUARTER-END.                                    00010105
         10  ENR-QUARTER-END-CC    PIC X(2).                   00010205
         10  ENR-QUARTER-END-YY    PIC X(2).                   00011005
         10  ENR-QUARTER-END-MM    PIC X(2).                   00020005
       05  ENR-ENROLL-SOURCE       PIC X.                      01040005
       05  ENR-PREV-TOTAL-MEMB     PIC 9(7).                   01060005
       05  ENR-MEMB-ADDS           PIC 9(6).                   01080005
       05  ENR-MEMB-TERMS          PIC 9(6).                   01100005
       05  ENR-CURR-TOTAL-MEMB     PIC 9(7).                   01120005
       05  ENR-CUMM-MEMB-MONTHS    PIC 9(8).                   01140005
       05  ENR-AMB-ENC-PHYS        PIC 9(8).                   01160005
       05  ENR-AMB-ENC-NONPHYS     PIC 9(7).                   01180005
       05  ENR-AMB-ENC-TOTAL       PIC 9(8).                   01200005
       05  ENR-TOTAL-PAT-DAYS      PIC 9(7).                   01220005
       05  ENR-TOTAL-HOSP-DAYS     PIC 9(6).                   01240005
       05  ENR-AVG-LENGTH-STAY     PIC 9(4)V99.                01260005
```

Attachment 11.   CRMFIN1 – Financial Input File Layout

```
***************************************************************** 00000102
* CRMFIN1                                                      * 00000202
*                                                              * 00000302
* THIS IS THE MANAGED CARE - FINANCIAL RECORD FOR THE CONVERT  * 00000402
* REPLACE THIS WITH THE RAW DATA RECORD LAYOUT FROM THE        * 00000502
* DATA MANAGER - 66 CHAR. LONG                                 * 00001002
***************************************************************** 00010002
                                                                 00960002
         05  FIN-PARENT-CODE           PIC X(3).                 00980008
         05  FIN-QUARTER-END.                                    00980102
            10  FIN-QUARTER-END-CC      PIC X(2).                00980202
            10  FIN-QUARTER-END-YY      PIC X(2).                00981002
            10  FIN-QUARTER-END-MM      PIC X(2).                00990002
         05  FIN-REPORT-NUMBER         PIC X(2).                 01050006
         05  FIN-LINE-NUMBER           PIC X(3).                 01070006
         05  FIN-CURR-PRD-COV-SIGN     PIC X(1).                 01090007
         05  FIN-CURR-PRD-COV          PIC 9(12).                01100007
         05  FIN-CURR-PRD-UNCOV-SIGN   PIC X(1).                 01110007
         05  FIN-CURR-PRD-UNCOV        PIC 9(12).                01120007
         05  FIN-CURR-PRD-TOTAL-SIGN   PIC X(1).                 01130007
         05  FIN-CURR-PRD-TOTAL        PIC 9(12).                01140007
         05  FIN-PREV-YEAR-SIGN        PIC X(1).                 01150007
         05  FIN-PREV-YEAR             PIC 9(12).                01160007
```

Attachment 12.   CRMMEM1 – Member Months Input File Layout

```
***************************************************************** 00000105
* CRMMEM1                                                      * 00000205
*                                                              * 00000305
* THIS IS THE MANAGED CARE - MEMBER MONTH RECORD FOR THE CONVERT* 00000405
* REPLACE THIS WITH THE RAW DATA RECORD LAYOUT FROM THE        * 00000505
* DATA MANAGER - 25 CHAR. LONG                                 * 00001005
***************************************************************** 00010005
        05  MEM-PARENT-CODE           PIC X(3).                  00960006
        05  MEM-QUARTER-END.                                     00970003
          10  MEM-QUARTER-END-CC      PIC X(2).                  00980003
          10  MEM-QUARTER-END-YY      PIC X(2).                  01000003
          10  MEM-QUARTER-END-MM      PIC X(2).                  01020003
        05  MEM-CURR-MEM-MONTHS       PIC 9(8).                  01040003
        05  MEM-PREV-MEM-MONTHS       PIC 9(8).                  01060003
```

Attachment 13.   CRMOUT1 – Managed Care Plan Load File Layout

```
000100***********************************************************************
000200*   CRMOUT1                                                           *
000300*                                                                     *
000400*   THIS IS THE OUTPUT RECORD FOR THE MANAGED CARE CONVERT            *
000400*   IT CONTAINS DATA FOR FINANCIAL, ENROLMENT, MEMBER MONTHS          *
000400*   IT IS USED TO LOAD THE DATASCAN TABLE                             *
000500***********************************************************************
003900***********************************************************************
004000*                      PROGRAM REVISION LOG                           *
004100***********************************************************************
004200*                                                                     *
004300*   DATE    ¦      ¦ CHANGE ¦                                         *
004400* MM/DD/YY ¦ INIT ¦ MOD NO ¦          DESCRIPTION                     *
004500*---------+------+--------+----------------------------------------*
     * 08/05/99 ¦ DL   ¦ IR#1466¦ ADDED TAPE-DT AS A NEW FIELD            *
004600* 06/12/98 ¦ DD   ¦ IR#1003¦ CHANGED PHP-CODE TO PLANMCF             *
004600* 04/22/98 ¦ DD    ¦ IR#733 ¦ CHANGED AMB-ENC & PHYS FROM 7 TO 8 *
003900***********************************************************************
        01  OUTPUT-RECORD.
            10 MGC-AMB-ENC          PIC S9(8)V USAGE COMP-3.
            10 MGC-AMB-ENC-NONPHYS  PIC S9(7)V USAGE COMP-3.
            10 MGC-AMB-ENC-PHYS     PIC S9(8)V USAGE COMP-3.
            10 MGC-AVG-LOS          PIC S9(4)V9(2) USAGE COMP-3.
            10 MGC-CURR-COVERED     PIC S9(13)V USAGE COMP-3.
            10 MGC-CURR-TOTAL       PIC S9(13)V USAGE COMP-3.
            10 MGC-CURR-UNCOVER     PIC S9(13)V USAGE COMP-3.
            10 MGC-HOSP-DAYS        PIC S9(7)V USAGE COMP-3.
            10 MGC-LINE-NBR         PIC S9(3)V USAGE COMP-3.
            10 MGC-MBR-ADDS         PIC S9(7)V USAGE COMP-3.
            10 MGC-MBR-MO-CUMM      PIC S9(9)V USAGE COMP-3.
            10 MGC-MBR-MO-CURR      PIC S9(9)V USAGE COMP-3.
            10 MGC-MBR-MO-PR        PIC S9(9)V USAGE COMP-3.
            10 MGC-MBR-TERMS        PIC S9(7)V USAGE COMP-3.
            10 MGC-MBR-TOTAL        PIC S9(7)V USAGE COMP-3.
            10 MGC-MBR-TOTAL-PREV   PIC S9(7)V USAGE COMP-3.
            10 MGC-PAT-DAYS         PIC S9(7)V USAGE COMP-3.
            10 MGC-PLANMCF          PIC X(3).
            10 MGC-PREV-YEAR-TOTAL  PIC S9(13)V USAGE COMP-3.
```

```
            10 MGC-QTR-ENDING        PIC S9(9) USAGE COMP.
            10 MGC-RPT-NBR           PIC X(2).
            10 MGC-TAPE-DT           PIC X(10).
     ****************************************************************
     * THE NUMBER OF COLUMNS DESCRIBED BY THIS DECLARATION IS 22    *
     ****************************************************************
```

Proprietary and Confidential

Attachment 14. Field Level Detail

The field-level specifications that follow this document are in alphabetical order by output field name.